

# Converting Colors

Decimal(8420209)

Have a look what the booklet for  
Decimal(8420209) contains.

<b>Decimal(8420209)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(8420209)**

# Conversions

## Conversions Part 1

Format	Color
Hex	807B71
RGB	128, 123, 113
RGB Percent	50%, 48%, 44%
CMY	0.4980, 0.5176, 0.5569
CMYK	0.00, 0.04, 0.12, 0.50
HSL	40°, 6%, 47%
HSV	40°, 12%, 50%
XYZ	18.9657, 19.9474, 18.4734
YIQ	123.3550, 6.1900, -2.0500

# Conversions

## Conversions Part 2

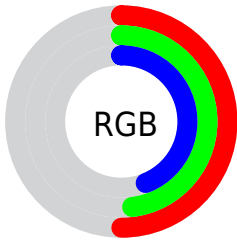
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 128, 113
Decimal	8420209
CIE Lab	51.78, 0.03, 6.14
CIE LCh	52, 6.138, 89.698
Yxy	19.9474, 0.3305, 0.3476
Android (android.graphics.Color)	4286610289 (0xFF807B71)
YUV	123.3550, -5.1050, 6.0737
Hunter-Lab	44.6625, -2.3603, 6.7400

# Details

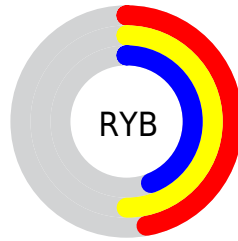
The Decimal color **8420209** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7435904**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **11906981**, and **5196353** is the 20% darker color. If you saturate the color by 10%, you get **8419172**, and if you desaturate by 10%, it is **8421246**.

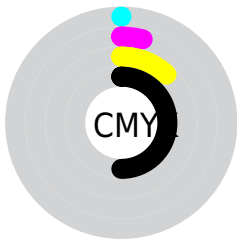
# Distribution



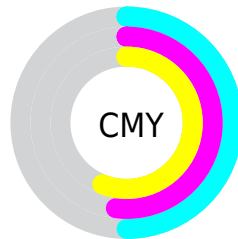
- Red (50%)
- Green (48%)
- Blue (44%)



- Red (47%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8420209 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 8420209 by changing the saturation by 10% instead.





8420209



8420209

16777215



6775385



11906981



5196353



13683648



3683371



15591388



2236183



16777208



656896



0



8420209



8420209



8419172



8421246



8417879



8422539

8416843

8423575

8415806

8424612

8414769

8425649

8413476

8426942

8412439

8427979

8411403

8429015

8410368

8430052

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8747379



8420209



8027506

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8420209



7306880



8550785

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8420209



7435904

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8223365



8420209



7437700

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8420209



7372667



7765126



8812668

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8420209



7765621



7765126



8485250



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8420209



10921119



8417654



5526352



13948116



5526612



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8420209



10919567



8290417



4210233



8410368



0



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7435904



9410214



7565696



3750976



10880



0



# Previews

## White Background



This preview shows how the Decimal color 8420209 looks on a white background.

## Color Contrast Check

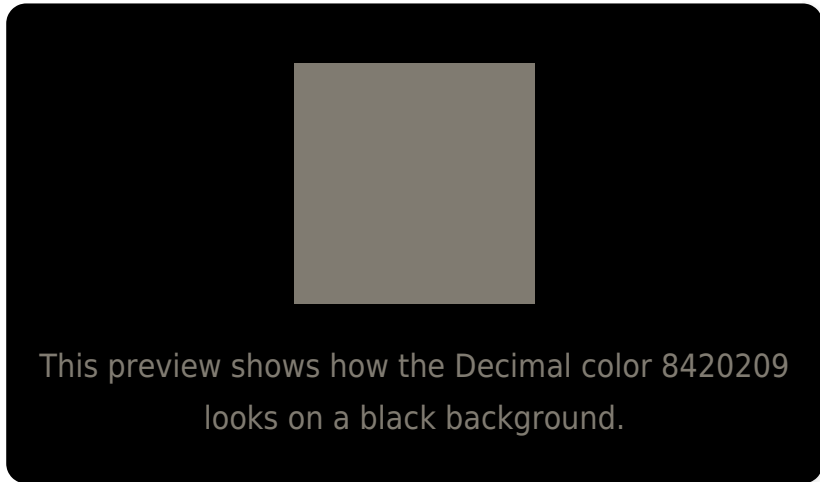
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

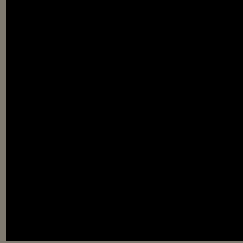
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8420209 Background



This preview shows how black text looks on a background with the Decimal color 8420209.



This preview shows how white text looks on a background with the Decimal color 8420209.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
8420209

**Protanopia**  
8420209

**Deuteranopia**  
9140082



**Tritanopia**  
8550530

# Trichromacy



**Original Color**  
8420209

**Protanomaly**  
8420209

**Deuteranomaly**  
8878194

**Tritanomaly**  
8485244

# Monochromacy



**Original Color**  
8420209

**Achromatopsia**  
8092539

**Achromatomaly**  
8223607

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8420209 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #807B71 looks like.

```
.text, #text, p{  
    color:#807B71  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #807B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807B71
}
```

## Border

The CSS property to change the border of an element to Decimal 8420209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

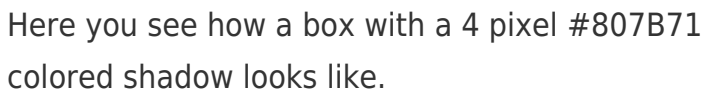
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807B71 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#807B71 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #807B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807B71; -webkit-box-shadow:4px 4px  
4px 4px #807B71; box-shadow:4px 4px 4px  
4px #807B71 }
```

# Background

The CSS property to change the background color of an element to Decimal 8420209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807B71 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#807B71 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor